

ABSTRACT OF THE INVENTION

The present invention provides a low profile transformer
5 including a bobbin and core structure. The bobbin further
includes a primary coil, a secondary coil and a plurality of pins
formed thereon. The core structure is coupled to the bobbin.
In addition, the core structure includes an I-core and two U-
cores coupled to each other. Alternatively, the I-core
10 includes at least one recessed edge and the U-cores include at
least one protrusive edge. The U-cores are coupled to the I-
core by means of the recessed edge and the protrusive edge.